

ABSTRACT OF THE DISCLOSURE

There is provided an arrangement including a tone processing unit for converting multi-value input data into binary areal tones; a tone pattern table for storing tone patterns to be used by the tone processing unit; a rotating unit for rotating the output of the tone processing unit; a skew compensating unit for compensating for any skew caused by an image forming apparatus upon the output of the rotating unit; a shift point setting unit for setting a skew compensating position; a shifting direction setting unit for setting a shifting direction according to a skew direction; and a rotating direction setting unit for setting a rotating direction, so as to solve the problem that the direction of skew compensation is disrupted due to rotating processing of binary data.